

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

SBR-32/24-09-18

Date: 2017

No. 1st & Final Bill

Zone: BBMP, Yalahanka

Division: BBMP, Byatarayanapura

Sub-Division: BBMP, Kodigehalli

Bill Received No. Dated Divisional
Sub-Divisional

Cash Book Voucher No. Dated
Job Code: 008-17-000024

Schedule Docket No. Head of Account: P1802 Est. Cost: Rs. 12.00 Lakhs

D.R. NO.

Name of Work : Drilling of Borewell and installation of motor, pump and other accessories in
Ward No.08 Kodigehalli

AS No.: CE/YNK/BBMP/63/16-17, dtd 28.12.2016

TS No.: EE(BTP)/101/16-17, dtd 06.01.2016

Name of Contractor and Full Address: Sri. Sanjay Reddy H.J., #4, 9th 'K' Main Hosahalli, Vijayanagara, Bangalore

Reference to Agreement No. EE/BTP/BBMP/E-PMT/20/2016-17

Date: 12.01.2017

Certified that the measurements were taken by me on: and recorded of Pages 357001 to 357018 of
measurement Book No. 3571/2017-18 and that work is satisfactorily executed.

Certified that measurement were taken by me on 30/12/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division
Yalahanka Zone, B.B.M.I.
Bangalore

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being Percent Rs.
- 3) " Balance
- 4) Deduct Payment:

- a) Amount of previous payment as in the Office Cash Book Voucher
No. Dated S.D. No.
adjusted towards cash advance recovery of
- b) Payments cost store or other material supplied.
Now made recovery of amount creditable to this /other work
Amount paid on this bill Cheque/Cash.

- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No. dated less adjustments.
- 7) Net amount due to or from Contractor unadjustments items.
- 8) Advance to Contractor for materials brought to site (as detailed) within
- 9) Value of Government materials supplied.

Amount Total - 10,96,092 - 00
17 - 10961 - 00
Cen - 10961 - 00
CBF - 1096 - 00
Fine - 5250 - 00

Adju 28268 - 00

Cheque 10,67,824 - 00

Contractor's Signature

Received Rs. (in words)
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No. Dated

Cash Rs. Dated

Initials of Officer making payment

Stamp 10,96,092 - 00
28268 - 00
10,67,824 - 00
Rs. Ten Lakhs Sixty Seven Thousand eight hundred twenty four only
Executive Engineer
Chandana
30/01

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	Carrying out geophysical survey Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting gvenner or schiberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality and acceptability of the users indicating the licating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtrs in consolidated formation for proper seating of casting pipe, depth of drilling required to cover full depth of acquifer proposed to be tapped, probate yield and other information required including transportation and accessories to work site, engaging technical personal and labour required etc.	Nos
2	Sinking borewell of 165mm dia clear using super fast Hydraulic rig of capacity 250 PSIG na above 900 CFM and abaove in all strats including over burden upto 20M. fixing of casing pipes collars and cap with necessary, cutting and threading including transportation of rig and supporting vehicles, crew charges and cost of consumbables etclm complete including yield testing at the final depth with a minimum work in on compression for an hour (excluding cost of casing pipes collars cap etc.) Upto 50.00m depth	Rmtr
3	Above 50.00 to 100.00m depth	Rmtr
4	Above 100.00 to 150.00m depth	Rmtr
5	Above 150m to 200m depth	Rmtr
6	Above 200m to 250 m depth	Rmtr
7	Above 250m to 300 m depth	Rmtr
8	Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe - grade of steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 medium black ERW casing pipe of 5mm thick black electic resistance welded steel tube material and confirming to IS 1387 / 1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtr both ends threaded confirming to IS 554/1985 one end fixed with a socket confirming to is 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking weighing 25.10kg/mtr. (Inclusive of all taxes and durties). Prices includes collar-medium duty.	Rmtr
9	Providing 175mm dia MS Collar	Nos
10	Providing 175mm dia Bore Cap CE (M)	Nos
11	Providing and fixing 250mm dia PVC 10kg/sqm	Mtr
12	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifcations.	Mtr
13	Atalanta, Suguna, CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5KV(20 stage)	Nos

Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Amount	Qty	Cost
2	1900.0	3800.00	2	3800.00
50	300.0	15000.00	50	15000.00
50	400.0	20000.00	50	20000.00
50	425.0	21250.00	50	21250.00
50	450.0	22500.00	50	22500.00
50	550.0	27500.00	50	27500.00
25	550.0	13750.00	25	13750.00
80	1325.0	106000.00	80	106000.00
20	100.0	2000.00	20	2000.00
2	100.0	200.00	2	200.00
20	2500.0	50000.00	20	50000.00
500	450.0	225000.00	500	225000.00
2	50000.0	100000.00	2	100000.00

14	Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 Volts as per IS-694 : 1990 & confirming to GTP of GROUP-A.	Mtr
15	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	Nos
16	Supplying and fixing 50mm GI Union	Nos
17	Supplying and fixing 50mm GI Elbow	Nos
18	Supplying and fixing 50mm GI Nipple	Nos
19	Supplying and fixing 50mm GI Collar	Nos
20	Fabricating supplying and mounting MS box made out 14SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.	Sq cms
21	Supplying and fixing angle iron frame work fabricated out of M>S angle iron.. And M.S flat .. With bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.(Page no.49, Sl.No.6.39.2)50x50x6mm Electrical SR.2014-15	Mtr
22	Supplying of TPST with rewirable porcelain Channels in SM encloser. Made out of 14 SWG powder coated paint of approved colour. 32 Amps	Nos
23	Supplying and fixing polished wood board made of not less than 15mm thick plank on both bsides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each
24	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220V AC 50 Hz 12/24 DC	Nos
25	Supplying fully automatic star-Delta starter unit push button type with suitable wires, 2 contactores, one adjustable thermal timer mounted on a common base palte held in steel encloser for use on 400/440 volts 3 phase and wired after fixing to the wooden board for motor. Upto 12.5HP	Nos
26	Suppling and fixing single phase preventor using necessary wires over an existing panel board suitable for motor up to 20HP capacities.	Nos
27	Wiring for lighting /power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP-A.4 sqmm	Mtr
28	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to IS 2834 Phase, 400/440 volts grade, for power factor improvement of rotating machinery.	KVAR
29	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63Amps TPN	Each

1120	115.0	128800.00	1120	128800.00
2	1450.0	2900.00	2	2900.00
2	200.0	400.00	2	400.00
4	100.0	400.00	4	400.00
4	80.0	320.00	4	320.00
4	80.0	320.00	4	320.00
40000	0.3	12000.00	40000	12000.00
2	300.0	600.00	2	600.00
2	1800.0	3600.00	2	3600.00
2	270.0	540.00	2	540.00
2	400.0	800.00	2	800.00
2	6500.0	13000.00	2	13000.00
2	700.0	1400.00	2	1400.00
40	35.0	1400.00	40	1400.00
8	400.0	3200.00	8	3200.00
2	1900.0	3800.00	2	3800.00

30	Supplying and fixing wiring earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Nos
31	Supplying and fixing class A (medium duty)-GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 K.V. class 40mm	Mtr
32	Supplying of 1.1 KV LTUG Cable having aluminium conductor PVC insulated extruded inner sheathed , galvanized, steel strip (except 2C X 10sq.mm wire armoured) conforming to IS-3975:1990(No.of Strip indicated in GTP) & extruded PVC outer sheathed armored cable with specified IS-1554 Part-1:1988 & conforming to GTP of GROUP-A.4 core 16 sqmm	Mtr
33	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/on wall/on poles as required. In existing trench/duct. 6 sqmm to 16sqmm	Mtr
34	Digging of trenches of 0.6 x 0.50m wide refilling the trench to the required ground level and consolidating etc., complete	Mtr
35	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumin insulating compound complete with terminals, clamps, bolts nuts and washers etc., for 16 sqmm	Each
36	Supplying and fixing of procelin fuse channel with cutouts on existing wooden/panel using necessary nuts, bolts and washers. 63Amps	Each
37	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	Cum
38	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe around to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., complete and giving necessary hydraulic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)	Rmtr
39	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.	Cum
40	Providing and fixing 65mm dia Gun metal non return valve Wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete 50mm	Each

2	2700.0	5400.00	2	5400.00
10	300.0	3000.00	10	3000.00
50	100.0	5000.00	50	5000.00
50	5.0	250.00	50	250.00
60	85.0	5100.00	60	5100.00
2	250.0	500.00	2	500.00
12	200.0	2400.00	12	2400.00
66.6	250.0	16650.00	66.6	16650.00
315	50.0	15750.00	315	15750.00
66.6	60.0	3996.00	66.6	3996.00
2	1350.0	2700.00	2	2700.00

41	Providing and laying in position plain cement concrete of mix M 20 with OPC cement @300 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.43 cum with superplasticiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills, including cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum
42	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 20mm nominal OD pipes	Rmtr
43	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each
44	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading as per 13.30 kms	Cum
Total		

CERTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Departmentally

Munir
W.J.S

21.87	5750.0	125753.00	21.87	125753.00
24	125.0	3000.00	24	3000.00
20	215.0	4300.00	20	4300.00
100	18.14	1814.00	100	1814.00
		1096092.00		1096092.00


 Assistant Executive Engineer.
 Kodigehalli Sub Division.
 Yelahanka Zone, B.B.M.P.,
 Bangalore.